Customer No. 22,852

Attorney Docket No.: 04173.0448

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Hiroki SAKURAI et al.))
Application No.: Not Yet Assigned) Group Art Unit: Not Yet Assigned
Filed: April 14, 2004) Examiner: Not Yet Assigned)
For: MANUFACTURING METHOD OF INTEGRATED CAPACITOR, AND INTEGRATED CAPACITOR))

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed with the above-referenced application.

The following are listed on the accompanying PTO-1449 and are in a non-English language:

1. Japanese Patent Publication No. 2003-234325 - The relevance of this document is discussed at page 2 of the specification of the present application.

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2. Japanese Patent Publication No. 2003-282734 - The relevance of this

document is discussed at page 2 of the specification of the present application.

Also an English-language abstract of the documents listed-above is enclosed.

This submission does not represent that a search has been made or that no

better art exists and does not constitute an admission that each or all of the listed

documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claim in the application and applicants determine

that the cited documents do not constitute "prior art" under United States law, applicants

reserve the right to present to the Office the relevant facts and law regarding the

appropriate status of such documents. Applicants further reserve the right to take

appropriate action to establish the patentability of the disclosed invention over the listed

documents, should one or more of the documents be applied against the claims of the

present application.

If there is any fee due in connection with the filing of this Statement, please

charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,

GARRETT & DUNNER, L.L.P.

Dated: April 14, 2004

Reg. No. 31,744

Enclosures RVB/FPD/sci

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04173.0448	Application No.	Not Yet Assigned
Applicants	Hiroki SAKURAI et al.		
Filing Date	April 14, 2004	Group:	Not Yet Assigned

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS					
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
2003-234325	08/22/03	JAPAN			ABSTRACT
 2003-282734	10/03/03	JAPAN			ABSTRACT
			1		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	LEE, J. H. et al., "Mass Production Worthy HfO ₂ –Al ₂ O ₃ Laminate Capacitor Technology Using Hf Liquid Precursor for Sub-100nm DRAMs", IEEE, 4 pages, (2002).	
	GUTSCHE, M. et al., "Capacitance Enhancement Techniques for Sub-100nm Trench DRAMs", IEEE, 4 pages, (2001).	
	SEIDL, H. et al., "A Fully Integrated Al₂O₃ Trench Capacitor DRAM for Sub-100nm Technology", IEEE, 4 pages, (2002).	

Examiner Date Considered		Date Considered			
*Examiner:		If reference considered, whether or not citation is in conformance with MPEP 609; draw line ugh citation if not in conformance and not considered. Include copy of this form with next munication to applicant.			
Form PTO 144	Patent and	Trademark Office - U.S. Department of Commerce			